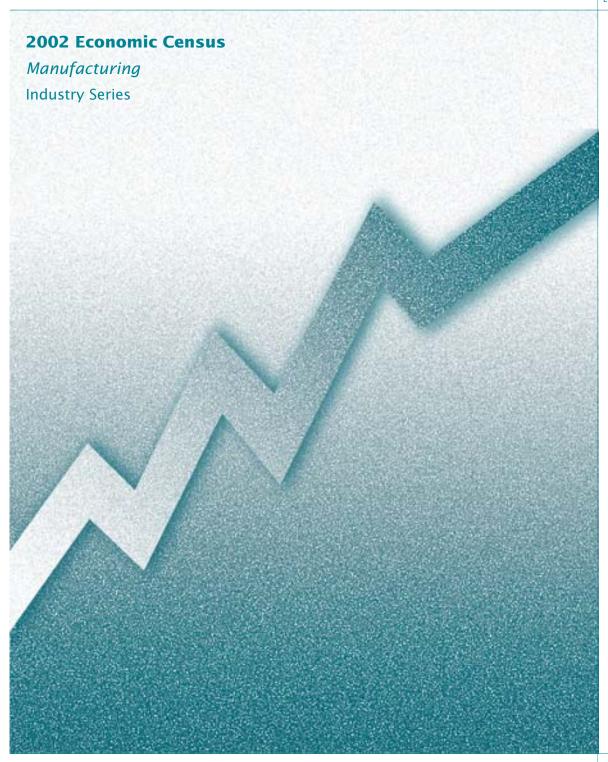
Synthetic Organic Dye and Pigment Manufacturing: 2002

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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All estab- lish- ments ³	All employees		Production workers				Total	Total	Total capital
Industry and year ¹	Com- panies ²		Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
325132, Synthetic organic dye and pigment manufacturing2002	97	123		382 897	4 432	9 528	185 279	1 419 644	1 392 173	2 825 877	100 166
2001 2000 1999	N N N	N N	9 044 9 337 8 872	403 956 422 236 389 901		13 241 11 417 11 282	204 032 216 402 198 987	1 117 108 1 487 146 1 370 699	1 591 590 1 507 376 1 367 558	2 762 517 2 956 598 2 717 745	113 142 118 149 80 828
1998 	N 95	N 123	8 440 8 689	378 968 388 021	4 662 4 883	9 781 10 600	193 566 200 980	1 403 335 1 330 646	1 273 733 1 328 769	2 650 229 2 693 356	82 520 128 147

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area		All establishments ²		All employees		Production workers						
		Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	
325132, Synthetic organic dye and pigment manufacturing												
United States. Illinois North Carolina. Ohio Pennsylvania.	2	123 6 9 11 9	62 3 5 5 4	7 674 232 533 912 482	382 897 11 384 28 471 48 143 25 038	4 432 169 334 538 274	9 528 396 683 1 161 600	185 279 7 194 16 174 25 409 12 101	1 419 644 37 422 167 472 115 053 75 089	1 392 173 41 947 190 421 205 833 41 545	2 825 877 79 491 373 882 321 024 112 990	100 166 1 562 13 225 11 208 8 639

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
325132, Synthetic organic dye and pigment manufacturing	
Companies ¹ number	97
All establishments ² number. Establishments with 1 to 19 employeesnumber. Establishments with 20 to 99 employeesnumber. Establishments with 100 employees or morenumber.	123 61 36 26
All employees3 number. Total compensation \$1,000. Annual payroll \$1,000. Total fringe benefits \$1,000.	7 674 487 273 382 897 104 376
Production workers, average for year	4 432 4 431 4 396 4 414 4 451
Production worker hours	9 528 185 279
Total cost of materials \$1,000. Materials, parts, containers, packaging, etc., used \$1,000. Resales \$1,000. Purchased fuels \$1,000. Purchased electricity \$1,000. Contract work \$1,000.	1 392 173 1 217 987 67 569 42 465 40 295 23 857
Quantity of electricity purchased for heat and power. 1,000 kWh. Quantity of electricity generated less sold for heat and power 1,000 kWh.	734 400 D
Total value of shipments \$1,000. Primary products value of shipments \$1,000. Secondary products value of shipments \$1,000. Total miscellaneous receipts \$1,000. Value of resales \$1,000. Contract receipts \$1,000. Other miscellaneous receipts \$1,000.	2 825 877 2 380 610 351 384 93 883 D D
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industries \$1,000.	87 2 512 792 2 380 610 132 182
Coverage ratiopercent	95
Value added\$1,000	1 419 644
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	485 046 295 807 67 564 121 675
Total inventories, end of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	469 618 271 841 77 470 120 307
Gross value of depreciable assets (acquisition costs) at beginning of year \$1,000. Total capital expenditures (new and used) \$1,000. Buildings and other structures (new and used) \$1,000. Machinery and equipment (new and used) \$1,000. Automobiles, trucks, etc., for highway use \$1,000. Computers and peripheral data processing equipment \$1,000. All other expenditures for machinery and equipment \$1,000. Total retirements \$1,000. Gross value of depreciable assets at end of year \$1,000.	2 738 864 100 166 13 248 86 918 2 513 6 495 77 910 89 561 2 749 469
Depreciation charges during year	162 819
Total rental payments \$1,000 Buildings and other structures \$1,000 Machinery and equipment \$1,000	26 099 7 442 18 657
Total other expenses ⁴ . \$1,000. Response coverage ratio ⁵ . percent. Repair and maintenance services of buildings and/or machinery ⁴ . \$1,000. Communications services ⁴ . \$1,000. Legal services ⁴ . \$1,000. Accounting, auditing, and bookkeeping services ⁴ . \$1,000. Advertising and promotional services ⁴ . \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ . \$1,000. Refuse removal (including hazardous waste) services ⁴ . \$1,000. Management consulting and administrative services ⁴ . \$1,000. Taxes and license fees ³ . \$1,000. All other expenses ⁴ . \$1,000.	195 842 62 24 651 10 844 3 876 2 433 2 532 2 786 7 224 5 275 12 722 123 231

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class			All employees		Pr	roduction worke	ers		Total	Total	Total capital
		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
325132, Synthetic organic dye and pigment manufacturing											
All establishments	1 8 3 5	123 30 14 17	7 674 68 c 232	382 897 2 804 D 11 642	4 432 39 D 126	9 528 63 D 257	185 279 1 243 D 4 809	1 419 644 9 644 D 41 121	1 392 173 6 879 D 42 255	2 825 877 16 530 D 82 600	100 166 1 269 D 3 985
20 to 49 employees 50 to 99 employees 100 to 249 employees 250 to 499 employees 500 to 999 employees	4 - - -	20 16 18 7 1	614 1 141 2 610 2 345 f	26 542 60 041 133 885 107 516 D	380 743 1 430 1 351 D	762 1 351 2 934 3 308 D	13 937 36 071 59 208 51 593 D	171 359 312 260 409 499 347 624 D	136 874 304 045 400 152 400 408 D	299 245 634 049 809 616 745 666 D	7 416 14 421 39 619 24 278 D
1,000 to 2,499 employees	-		_	_ _		_	_	_ _	_ _	_	_
Administrative records ⁴	9	36	156	6 952	93	175	3 328	23 094	18 927	41 976	3 617

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or	Industry or primary product class	ΔII	All em	ployees	Production workers				Total	Total	Total capital
product class code		All estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
325132	Synthetic organic dye and pigment manufacturing	123	7 674	382 897	4 432	9 528	185 279	1 419 644	1 392 173	2 825 877	100 166
3251321 3251324	Synthetic organic dyes Synthetic organic pigments, lakes,	35	2 287	119 139	1 276	2 506	52 525	539 522	468 807	1 007 367	36 323
3231324	and toners	39	4 988	246 259	2 918	6 567	124 454	833 211	879 876	1 724 948	56 064

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product shipments		
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)	
325132	Synthetic organic dye and pigment manufacturing	N N	X	X	2 512 792 2 746 542	
3251321	Synthetic organic dyes	N	X	X	980 191 1 060 777	
32513211	1997 Synthetic organic dyes	N N	X	X	980 191	
3251321100	1997	N 37 52	X X X	X X X	1 060 777 980 191 1 060 777	
3251324	Synthetic organic pigments, lakes, and toners	N	X	X	1 452 531	
32513241	Synthetic organic pigments, lakes, and toners	N N	X	X	1 623 765 1 452 531	
3251324100	Synthetic organic pigments, lakes, and toners	N 34 52	X X X	X X X	1 623 765 1 452 531 1 623 765	
325132W	Synthetic organic dye and pigment manufacturing, nsk, total	N	X	X	80 070	
325132WY	1997 Synthetic organic dye and pigment manufacturing, nsk, total	N N N	X X X	X X X	62 000 80 070 62 000	
325132WYWW	Synthetic organic dye and pigment manufacturing, nsk, for nonadministrative-record establishments	N N	X	X	38 703 9 487	
325132WYWY	Synthetic organic dye and pigment manufacturing, nsk, for administrative-record establishments	N N	X	X	41 367 52 513	

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3251321	Synthetic organic dyes	
	United States. 2002.	980 191
	1997 North Carolina	1 060 777 311 886
	1997 Ohio	119 149 17 230 N
3251324	Synthetic organic pigments, lakes, and toners	
	United States. 2002.	1 452 531 1 623 765
	1997 2002. 1997	274 926 345 978

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
325132	Synthetic organic dye and pigment manufacturing		
00900001	Total materials	X	1 217 987
32518807	Hydrochloric acid (100 percent HCl)	X 25.6	1 165 180 2 685
32531101	Nitrogenous fertilizers, nitric acid (100 percent HNO ₃)	41.2 D D	4 345 D D
32518805	Sulfuric acid, excluding spent (100 percent H ₂ SO ₄)	P37.8 13 426.8	2 648 4 534
32531103	Nitrogenous fertilizers, ammonia, synthetic anhydrous (100 percent NH ₃)	.5 D	130 D
32518107	Sodium hydroxide (caustic soda)(100 percent NaOH)	P50.6 116.8	7 456 14 766
32500071	All other industrial inorganic chemicals	X	92 762
32519300	1997 Ethyl alcohol, pure and denatured	X	217 614 D
32510067	Other alcohols (including amyl, butyl, methyl, and propyl)	X X X	1 688 1 397 2 417
32519213	Toluene and xylene (100 percent basis)	2.4	708
32519233	Other cyclic crudes and intermediates	4.7 S	1 195 198 943 178 903
325100A5	All other miscellaneous synthetic organic chemicals	S X X	258 432 302 496
21111013	Natural gas used as a raw material	S D	4 343 D
00190012	Other hydrocarbons used as raw materials or feedstocks	X	1 679 D
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc	x x	D 7 814
11100033	Agricultural products, crude (including flowers, grains, seeds, herbs, etc.)	X	D
33300015	Parts and attachments for machinery and equipment	X	D 7 327
32221001	Paperboard containers, boxes, and corrugated paperboard	X X X	4 889 6 588 9 727
33240000	Metal containers	X	11 602
00970099	All other materials and components, parts, containers, and supplies	X	9 811 446 096
00971000	Materials, ingredients, containers, and supplies, nsk	X X X	262 443 154 389 110 780

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.